

# MASONRY DRILLS

## Trouble Shooting

### Masonry Drills



Glass & Tile Multi-Purpose Masonry SDS Masonry				Code		Problem									
				1		Workpiece Cracking									
				2		Drill bit stops drilling									
				3		Material breaks up while drilling (spawling)									
				4		Bit jams									
				5		Excessive heat and dust build up									
				6		Drill bit not penetrating material									
				7		Wall anchor does not fit									
				1		2		3		4		5		6	
●	●	●	●	●			●		●					Too much pressure applied	Use less pressure, gradually increase pressure until material removal reaches a maximum
	●	●	●		●									Material is clogging the hole	Withdraw the drill bit regularly to remove dust
		●	●		●									Bit blocked by material (ie rock)	Break material using a rock punch or concrete nail and hammer
			●		●									Bit blocked by reinforced mesh	Select drill bit that can drill through reinforced concrete
	●	●	●					●						Drill bit comes into glancing contact with a material it is unable to cut	Remove the drill from the bit, use a Stillson wrench to remove bit from hole and remove blockage with a pointer masonry punch
●	●	●	●						●					Material is very abrasive	Use a suitable lubricant
●	●	●	●	●					●					Speed is too high	Reduce drilling speed
●	●	●	●	●	●					●				Incorrect drill bit	Use correct drill bit to suit application
	●	●	●							●				Power drill set to rotary action	Set power drill to hammer action
●	●			●										Power drill set to hammer action	Set power drill to rotary action
	●	●	●									●		Incorrect drill size	Use correct drill diameter for the wall anchor
	●	●	●									●		Drill not aligned while drilling	Keep drill square to material while drilling